



**Express Mail No.:**  
**Date Deposited:**

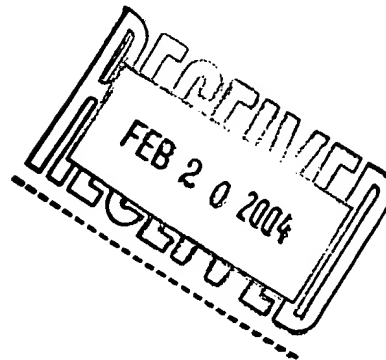
**EL 984585652 US**  
**February 6, 2004**

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/842,484  
Applicant : Paul DeAngelis  
Filed : April 25, 2001  
TC/A.U. : 1623  
Examiner : Michael C. Henry  
Docket No. : 4605.003  
Customer No. : 30589

Confirmation No. 2281



Mail Stop Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

Sir:

In response to the Office Action mailed September 9, 2003, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begin on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.

APPROVED

for

Express Mail No.: EL 984585652 US  
Date Deposited: 02/06/2004PTO DEPOSIT ACCOUNT CHARGE  
ACCOUNT NO. 1700

PTO/SB/17 (10-03)

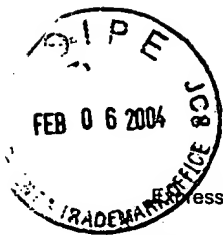
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FEE TRANSMITTAL</b> <b>for FY 2004</b> Patent fees are subject to annual revision. <b>FEB 06 2004</b>		<b>Complete if Known</b>	
		Application Number	09/842.484
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	04/25/2001
		First Named Inventor	Paul L. DeAngelis
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 390		Examiner Name	M. Henry
		Art Unit	1623
		Attorney Docket No.	4605.003

<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEE CALCULATION</b> (continued)																																																																																																																																																																																			
<input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 04-1700 Deposit Account Name: Dunlap, Codding & Rogers, P.C. Customer No. 30589 The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td>210</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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<b>SUBMITTED BY</b>		<b>(Complete if applicable)</b>	
Name (Print/Type)	Douglas J. Sorocco	Registration No. (Attorney/Agent)	43,145
Signature		Telephone	(405) 607-8600
		Date	02/06/2004

Mail Stop Fee Amendment  
Commissioner for Patents  
PO Box 1450, Alexandria, VA 22313-1450



3-09-04

1623 / \$

APPROVED

for

DEPOSIT ACCOUNT CHARGE

ACCOUNT #04-1700

Express Mail No. EL 984585652 US

Deposited on: February 6, 2004

DUNLAP CODDING &amp; ROGERS, P.C.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/842,484
Filing Date	04/25/2001
First Named Inventor	Paul L. DeAngelis
Group Art Unit	1623
Examiner Name	M. Henry
Attorney Docket Number	4605.003

Total Number of Pages in This Submission

**ENCLOSURES** (check all that apply)

- ☒ Fee Transmittal Form  
☐ Fee Attached
- ☒ Amendment / Reply  
☐ After Final  
☐ Affidavits/declaration(s)
- ☒ Extension of Time Request  
☐ Express Abandonment Request
- ☒ Information Disclosure Statement  
☐ Certified Copy of Priority Document(s)  
☐ Response to Missing Parts/  
Incomplete Application  
☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

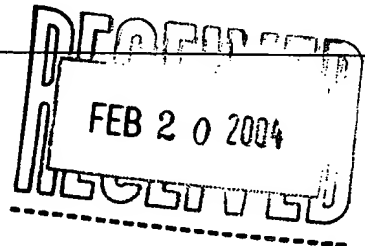
- ☐ Assignment Papers  
(for an Application)  
☐ Drawing(s)  
☐ Licensing-related Papers  
☐ Petition  
☐ Petition to Convert to a  
Provisional Application  
☐ Power of Attorney, Revocation  
Change of Correspondence  
Address  
☐ Terminal Disclaimer  
☐ Request for Refund  
☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance Communication  
to Group  
☐ Appeal Communication to Board  
of Appeals and Interferences  
☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)  
☐ Proprietary Information  
☐ Status Letter  
☒ Other Enclosure(s) (please  
identify below):

See remarks below:

## Remarks

1. Transmittal Form (1 page);  
2. Fee Transmittal (1 page);  
3. Fee Determination Record (1 page);  
4. Petition for Extension of Time (1 page);  
5. Supplemental IDS (6 pages);  
6. Substitute for form 1449A/PTO (4 pages);  
7. Amendment (15 pages); and 8. Postcard.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., Customer Number 30589 Attn: Douglas J. Sorocco, P. O. Box 16370, Oklahoma City, Oklahoma 73113
Signature	
Date	2.6.03

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EL 984585652 US in an envelope addressed to the address below on this date: February 6, 2004

Typed or printed name	Douglas J. Sorocco, Reg. No. 43,145
Signature	

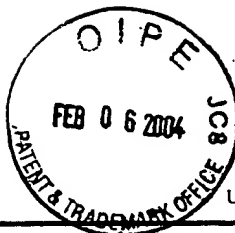
Date 2.6.03

SEND TO: Mail Stop Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Express Mail No.: EL 984585652 US

Date Deposited: 02/06/2004


 PTO/SB/06 (08-00)  
 Approved for use through 10/31/2002. OMB 0651-0032  
 U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

4605.003

## CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 = *	0
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 = *	0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		0

RATE	FEE
	\$ 0
x \$ 9 =	0
x 43 =	0
+ 140 =	0
TOTAL	0

RATE	FEE
	\$ 0
x \$ 18 =	0
x 86 =	0
+ 280 =	0
TOTAL	0

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	** 20	=	0
Independent (37 CFR 1.16(b))	*	Minus	*** 3	=	0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 43 =	0
+ 140 =	0
TOTAL	0
ADDIT. FEE	

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 86 =	0
+ 280 =	0
TOTAL	0
ADDIT. FEE	

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	27	Minus	** 110	=
Independent (37 CFR 1.16(b))	*	10	Minus	*** 40	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 43 =	0
+ 140 =	0
TOTAL	0
ADDIT. FEE	

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 86 =	0
+ 280 =	0
TOTAL	0
ADDIT. FEE	

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**	=	
Independent (37 CFR 1.16(b))	*	Minus	***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					

RATE	ADDI- TIONAL FEE
x \$ 9 =	0
x 43 =	0
+ 140 =	0
TOTAL	0
ADDIT. FEE	

RATE	ADDI- TIONAL FEE
x \$ 18 =	0
x 86 =	0
+ 280 =	0
TOTAL	0
ADDIT. FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SEND TO:

 Mail Stop Fee Amendment  
 Commissioner For Patents, PO Box 1450  
 Alexandria, VA 22313-1450